

WHAT IS CLAIMED IS:

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1. A disk unit for reading information from or writing information to a disk by means of a head supported by an actuator, the disk and the actuator being contained in a housing of the disk unit, the disk unit comprising:

a shroud having a face perpendicular to a surface of the disk and opposing a peripheral edge of the disk; and

15 a spoiler having a given height in a direction perpendicular to the surface of the disk and extending above the surface of the disk from the peripheral edge to a center of the disk.

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2. The disk unit as claimed in claim 1,
wherein said shroud and said spoiler are provided in
a counter-rotational direction of the disk from the
actuator.

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3. The disk unit as claimed in claim 2, wherein said shroud is provided in the counter-rotational direction of the disk from said spoiler.

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4. The disk unit as claimed in claim 3,

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wherein said shroud has an end in the rotational direction of the disk, the end being separated from a surface of said spoiler by a distance of 5 mm or less, the surface receiving airflow generated by 5 disk rotation.

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10 5. The disk unit as claimed in claim 1, wherein said shroud and said spoiler are formed integrally with each other.

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6. The disk unit as claimed in claim 1, wherein the face of said shroud is curved along the peripheral edge of the disk.

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7. The disk unit as claimed in claim 1, 25 wherein the face of said shroud is flat.

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8. A disk unit for reading information from or writing information to a disk by means of a head supported by an actuator, the disk and the actuator being contained in a housing of the disk unit, the disk unit comprising:

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a spoiler having a given height in a direction perpendicular to the surface of the disk and extending above the surface of the disk from the

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peripheral edge to a center of the disk, the spoiler being provided in proximity to a boundary between a first area where an inner wall of the housing runs side by side with the peripheral edge of the disk 5 and a second area where a distance between the inner wall and the peripheral edge becomes longer than in the first area.

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9. The disk unit as claimed in claim 8, wherein said spoiler is provided in a counter-rotational direction of the disk from the actuator.

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10. The disk unit as claimed in claim 9, 20 wherein said spoiler has a surface for receiving airflow generated by disk rotation, the surface being away from the boundary by a distance of 5 mm or less.

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11. A disk unit comprising:
30 a disk;
an actuator for supporting a head that reads information from or writes information to the disk;
35 a first member for regulating airflow generated by disk rotation so that the airflow flows in a rotational direction of the disk; and
a second member for receiving and regulating the airflow regulated by said first

member so as to prevent the airflow from flowing toward the actuator.

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12. The disk unit as claimed in claim 11,
wherein said first and second members are provided
in a counter-rotational direction of the disk from
the actuator.

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15 13. The disk unit as claimed in claim 12,
wherein said first member is provided in the
counter-rotational direction of the disk from said
second member.

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25 14. The disk unit as claimed in claim 11,
wherein said first and second members are integrally
formed with each other.

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15. The disk unit as claimed in claim 11,
wherein the airflow is regulated by said second
member to flow in a radial direction of the disk.

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16. The disk unit as claimed in claim 11,

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wherein said first member is a shroud and said second member is a spoiler.

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17. A disk unit comprising:
a disk;
an actuator for supporting a head that
10 reads information from or writes information to the
disk; and
an airflow-regulating member for receiving
and regulating airflow generated by disk rotation so
as to prevent the airflow from flowing toward the
15 actuator, the airflow-regulating member being
provided in proximity to a boundary between a first
area where an inner wall of a housing of the disk
runs side by side with a peripheral edge of the disk
and a second area where a distance between the inner
20 wall and the peripheral edge becomes longer than in
the first area.

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18. The disk unit as claimed in claim 17, wherein said airflow-regulating member is provided in a counter-rotational direction of the disk from the actuator.

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19. The disk unit as claimed in claim 17,
35 wherein said airflow-regulating member is a spoiler.

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